

MARIANA TASSO



EDUCATION AND EMPLOYMENT

January 2016 – Present: **CONICET Assistant Researcher**

INIFTA-UNLP-CONICET – [Soft Matter Laboratory](#); PI Dr. Omar Azzaroni (La Plata, Argentina)

February 2013 – September 2015: **Postdoctoral Research Associate**

ESPCI-CNRS-UPMC UMR8213 – [Parisian Quantum Dots Lab](#); PI Prof. Nicolas Lequeux, Dr. Thomas Pons, Dr. Benoit Dubertret (Paris, France)

October 2010 – June 2012: **Postdoctoral Researcher**

Northeastern University – [Biological Surface Engineering and Microfluidics Lab](#); PI Prof. Shashi K. Murthy (Boston, USA)

May 2010 – July 2010: **Research Assistant**

Brandenburgische Technische Universität – [Laboratory of Biopolymers](#) (Senftenberg, Germany), PI Prof. Katrin Salchert

February 2006 – February 2010: **Ph.D. Student**

Technical University of Dresden, [Max Bergmann Center of Biomaterials](#) (Dresden, Germany), PI Prof. Carsten Werner

Ph.D. defended on 12.11.09. Thesis title: Bioactive coatings for the control of cell adhesion

2005: **First year of the Ph.D. program in Bioengineering**

Politecnico di Milano – [Laboratorio di Biomateriali](#) (Milano, Italy)

October 2002 – February 2005: **R&D Scientist**

[TENARIS Industrial Research Center](#) (Campana, Argentina)

Working fields: polymer materials for the oil and gas industry, product development and intellectual protection

2001 – 2003: **Master in Processing Techniques of Plastic Materials**

University of San Martín (Buenos Aires, Argentina)

Master thesis title: “Polyoxymethylene tubes: production and characterization”; April 2004

August 1998 – June 2002: **Materials Engineering** (*final score: 9.3 over 10*)

University of San Martín-National Atomic Energy Commission, Institute of Technology Jorge Sabato (Buenos Aires, Argentina)

Diploma thesis developed at INPL (Nancy, France); title: “Microstereolitography for the production of ceramic and metallic parts”

1995 – July 1998: **Physics** (*3.5 years approved over a total of 6*)

University of Buenos Aires, Faculty of Exact and Natural Sciences (Buenos Aires, Argentina)

TEACHING EXPERIENCE

2001 – 2003: **Teaching Assistant in Mathematics II and Applied Chemistry**
National Technological University (UTN Delta) (Campana, Argentina)
Professors: Nidia Viazzi (Mathematics II), Liliana Romero Ocampo (Applied Chemistry)

2014 – 2015: **Teaching Assistant in Crystalline Materials – Responsible for practical courses in Scanning Electron Microscopy**
ESPCI ParisTech (Paris, France)
Professor: Nicolas Lequeux

GRANTS AND FELLOWSHIPS

February 2006 – February 2010: Marie Curie Initial Training fellowship by the EU Commission, 6th Research Framework Program, for a Ph.D. in Chemistry at the Technical University of Dresden (Dresden, Germany)

March 2005: Ph.D. fellowship by the Italian Ministry of Foreign Affairs for a Ph.D. in Bioengineering at the Polytechnic of Milan (Milano, Italy)

November 2001: EGIDE fellowship for a six-month internship at the DCPR laboratory, National Polytechnic Institute of Lorraine (INPL - Nancy, France)

April 2001: Scholarship offered by the University of San Martín (Buenos Aires, Argentina) to pursue the Master course in Processing Techniques of Plastic Materials

December 2000: Prize offered by the Iron and Steel Society (Argentina and USA) as a recognition for scholar and research achievements

August 1998 to August 2002: 4-year scholarship from the National Atomic Energy Commission (Argentina) to study Materials Engineering

1995: Prize given by the Rotary Club Organization as a recognition for the highest high school score in the district that year

LANGUAGES

Spanish: mother language

French, Italian, English: advanced communication and writing skills

German: intermediate communication and writing skills